

Short Bio-data



Name: Dr. Amit Kumar Onkar

Designation: Sr. Principal Scientist and Professor (AcSIR)

Division: STTD

Area of Expertise:

Computational mechanics, Structural dynamics, Aeroelasticity, Uncertainty quantification, Probabilistic and Non-probabilistic methods, Fluid-Structure-Interaction, Analysis of composite structures

Specialisation:

Aerospace Structures

Publications:

No. of International journal papers: 13

No. of national/international conference papers: 45

Book chapters: 03

Subject area willing to guide the student:

Structural dynamics/ Aeroelasticity/ Uncertainty quantification/ Fluid-Structure-Interaction/ Uncertainty based optimization